

Re: Fw: Animas

Andrew_Longworth to: Forrest.Sabrina

11/22/2010 04:28 PM

From: Andrew_Longworth@URSCorp.com

To:

Sabrina,

Please let me know which direction you would like to go in for these charts. I'm on vacation tomorrow but will be able to get them done in the morning if you let me know which set you want.

Thanks,

ANDREW LONGWORTH

URS OPERATING SERVICES, INC.

1099 18th Street, Suite 710

Denver, Colorado, 80202

Tel: (303) 291-8248

Cell: (720) 810-0780

Fax: (303) 291-8296

Andrew_Longworth@URSCorp.com

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Forrest.Sabrina@epamail.epa.gov

11/22/2010 01:56 PM

To andrew_longworth@urscorp.com

cc

Subject Fw: Animas

Bill Simon seems to think all the data are up on their page.....

Sincerely,

Sabrina Forrest
NPL Coordinator &
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

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----- Forwarded by Sabrina Forrest/R8/USEPA/US on 11/22/2010 01:55 PM -----

From: "William Simon" <wsimon@frontier.net>
To: Sabrina Forrest/R8/USEPA/US@EPA
Date: 11/22/2010 12:48 PM
Subject: RE: Animas

See below; I'M MIGHTY BUSY.

-----Original Message-----

From: Forrest.Sabrina@epamail.epa.gov

[\[mailto:Forrest.Sabrina@epamail.epa.gov\]](mailto:Forrest.Sabrina@epamail.epa.gov)

Sent: Monday, November 22, 2010 11:07 AM

To: pbutler@wildblue.net; wsimon@frontier.net; fearneng@rmi.net

Subject: Fw: Animas

We are also looking at trends to take to the discussion tomorrow night.

Here are a couple of charts that START is helping put together for Steve and me. They identified a large gap in analytical data they are looking at from the USGS gauges. Are there any more Riverwatch, DOW, BOR, or other analytical data for the 2004-2009 period from the four gauges in Silverton? ALL AVAILABLE DATA ARE ON OUR WEB SITE--THROUGH NOV. 2009.

Also, do you know what caused the 1999 spike on the Cd chart? NO, COULD IT BE DETECTION LIMITS?

Hopefully the weather will cooperate and we will see you all tomorrow evening.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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Denver, CO 80202-1129

Direct Ph: 303-312-6484

Toll Free: 1 800-227-8917, 312-6484

Fax: 303-312-6065

Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

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----- Forwarded by Sabrina Forrest/R8/USEPA/US on 11/22/2010 11:02 AM

From: Andrew_Longworth@URSCorp.com
To: Sabrina Forrest/R8/USEPA/US@EPA
Cc: "Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>, Steven
Way/R8/USEPA/US@EPA
Date: 11/22/2010 10:24 AM
Subject: Re: Animas

Sabrina,

Here are two examples of possible data presentations:

I have plotted November data as it is a consistent data set across the highest number of years, meaning that we can present the data without too much manipulation.

Steve said he wanted a line graph, the best way to do this is to smooth the data with a 3rd order regression. However the data from before and after treatment plant closure are really from different data populations and it is not necessary accurate to plot them as being connected.

The Zinc chart shows a jump after 2003, but the data from 1999 and 2000 tends to diminish the validity of this jump, I am hoping that the data from 2005 to 2009 would provide a more robust distinction between the data sets.

Thanks,

ANDREW LONGWORTH

URS OPERATING SERVICES, INC.

1099 18th Street, Suite 710

Denver, Colorado, 80202

Tel: (303) 291-8248

Cell: (720) 810-0780

Fax: (303) 291-8296

Andrew_Longworth@URSCorp.com

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Forrest.Sabrina@epam

ail.epa.gov

To

11/22/2010 09:33 AM Andrew_Longworth@URSCorp.com

cc

"Megan Dudevoir"

<Megan_Dudevoir@URSCorp.com> ,

Way.Steven@epamail.epa.gov

Subject

Re: Animas

Can you send us something to look at? Then maybe I can talk with the ARSG to see what they have that is not in their public database that could help.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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Denver, CO 80202-1129

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original message and any attachments.

From: Andrew_Longworth@URSCorp.com
To: Steven Way/R8/USEPA/US@EPA, Sabrina
Forrest/R8/USEPA/US@EPA,
"Megan Dudevoir" <Megan_Dudevoir@URSCorp.com>
Date: 11/22/2010 09:23 AM
Subject: Animas

Steve/Sabrina

I crunched the data last Friday, it looks like we have good coverage for the time before the treatment plant shut down but the data gap from 04 to 09 is quite glaring. It makes it hard to draw conclusions and/or identify trends within the data. Is there any way we can get the data for this time period?

Thanks

Andrew

(See attached file: Zinc3rdOrder.pdf)(See attached file: CadmiumBar.pdf)